XPort IAP Upgrade Notice

The XPort IAP 3.X.0.1 firmware image is twice as large as the previous XPort IAP firmware images released. The larger code requires users to have a new *backup* firmware image also stored in FLASH while downloading and programming a new version of operational code, in case the download fails. The increased code space allocation results in a one-time only reduction of a single web page (i.e. 64KB).

These conditions make switching between pre-2.4.0.0 and 3.X.0.1 and subsequent versions irregular. Therefore, the destination file codes have been changed for the XPort IAP products: from XA to XM.

Upgrading to 3.X.0.1 from pre-2.4.0.0

Network Upgrade

The pre-2.4.0.0 is not able to load a firmware image larger than 64 KB, so it must be loaded in a two-step process.

1. TFTP the applicable upgrade ROM with the corresponding XPort IAP's destination file code for the pre-2.4.0.0 release (i.e. XA)
   e.g **`tftp -i <ip address> put xpt03upg6104.rom XA`**
2. The upgrade ROM will run and store new intermediate loader and backup firmware, in flash, and reset the unit to get the backup firmware running
3. With backup firmware running (IP information in the DHCP case can be obtained via DI), TFTP the new 3.X.0.1 operational firmware, with the corresponding XPort's destination file code for the new 3.X.0.1 release (XM)
   e.g. **`tftp -i <ip address> put amxp3X00.rom XM`**
4. Load any web pages required (after operational code is running) – these may have been overwritten with the new code/memory map. This would require new web pages released for the new CGI interface (no longer java applet).

The unit should be operational with new 3.X.0.1 firmware.

Serial Upgrade

Use the Advanced Recovery feature of DeviceInstaller 4.3.0.9 and later as instructed in the *XPort User Guide*.

Upgrading from 3.X.0.1 and later

To reflect the up/downgrade incompatibility between pre-2.4.0.0 firmware and 3.X.0.1+ firmware, the TFTP destination files have been changed for XPort IAP from **XA** to **XM.**

Network Upgrade

Use the tftp command or the Device Installer upgrade feature. DI 4.3.0.9 and later support the new **XM** destination files.

e.g. `tftp –i <ip address> PUT <xpt rom filename> XM`

Serial Upgrade

Use the Advanced Recovery feature of DeviceInstaller 4.3.0.9 and later as instructed in the *XPort User Guide*.

Downgrading from 3.X.0.1, or later, to pre-2.4.0.0

The only correct way to downgrade from 3.X.0.1 and later to a pre-2.4.0.0 version is to use the Advanced Recovery feature of DeviceInstaller 4.3.0.9 and later. Advanced Recovery on older DeviceInstallers might not downgrade correctly.

Web Pages

Due to the extra space taken by the firmware, the number of web pages has been reduced from 7 to 6 on the XPort products. Also, the start of the web pages has been moved in FLASH, requiring a reload of any loaded web pages after the firmware upgrade. Follow standard TFTP or DeviceInstaller procedures.